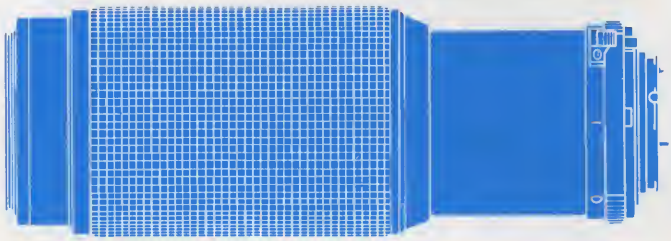
MINOLTA

MD ZOOM LENSES

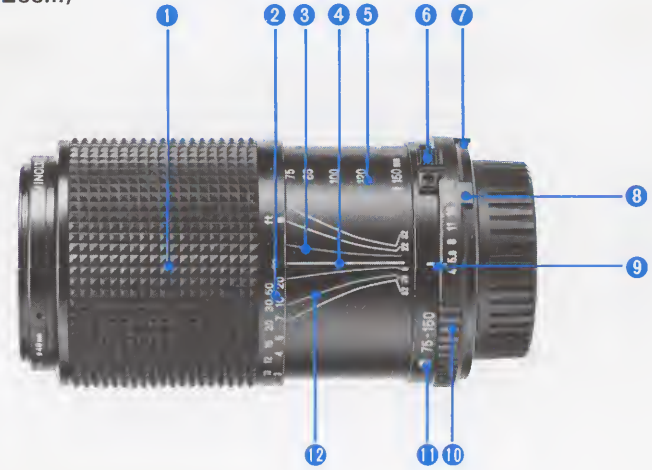
50–135MM F3.5 70–210MM F4
75–150MM F4 100–200MM F5.6
100–300MM F5.6

OWNER'S MANUAL
BEDIENUNGSANLEITUNG
MODE D'EMPLOI
MANUAL DE INSTRUCCIONES

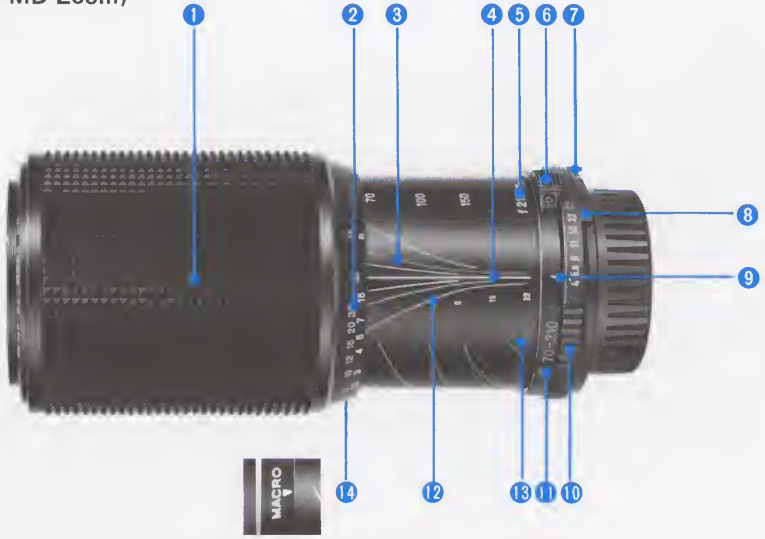


NAMES OF PARTS
(75-150mm f/4 MD Zoom)

BEZEICHNUNGEN DER TEILE



(70-210mm f/4 MD Zoom)



NAMES OF PARTS

1. Zooming/focusing grip
2. Distance scale
3. Infrared index
4. Distance index
5. Focal-length indications
6. Minimum-aperture lock
7. MD lug
8. MC lug
9. Aperture index
10. Aperture ring
11. Mounting index
12. Depth-of-field scale

For 70-210mm and 100-300mm Zooms only:

13. Magnification ratios
14. Macro index

ATTACHING AND REMOVING LENS

To attach lens, remove rear lens cap and align mounting index on lens barrel with red index on lens mount. Then insert lens into mount and turn clockwise until it locks in place with a click (A).

To remove lens, hold down lens-release button on camera and turn lens counterclockwise as far as possible. Lift lens out of mount (B).

(A)

(B)

LENS HOOD

To attach hood, first remove lens cap. Then squeeze tabs on either side of hood and attach to lens so hood seats securely in the groove (C).

To store, press side tabs and remove hood from lens. Slide hood onto lens in reversed position, and press and release tabs to attach. Lens cap may then be replaced (D).

ZOOMING AND FOCUSING

To zoom, slide zooming/focusing grip forward or backward to desired focal length. Focal lengths are marked on the lens barrel.

To focus, turn grip clockwise or counterclockwise until subject appears sharpest in the viewfinder.

(C)

(D)

MACRO FOCUSING

(70-210mm and 100-300mm Zooms only)

Magnification ratios are indicated in blue on lens barrel. When focusing on a close subject, macro index points to blue scale, indicating image-to-subject ratio. Blue index and ratios can also be used to preset for a specific magnification.

Maximum magnification of 0.256X (i.e., an image-to-subject ratio of 1:3.9) is achieved by zooming lens to its longest focal length and turning grip to its minimum focusing distance.

NOTE

The macro function of this lens is designed to be used for taking pictures of subjects such as insects and flowers. It is not intended for copying documents or artwork, for which use of Minolta macro lenses is recommended.

DEPTH-OF-FIELD SCALE

(50-135mm, 75-150mm, 70-210mm, and 100-300mm Zooms only)

With lens zoomed to a particular focal length and focused at a given point, image will be in satisfactory focus from nearer to farther value on the distance scale, as indicated by appropriate depth-of-field marks for aperture in use.

The depth-of-field scale can also be used to zone focus, i.e., to set focusing ring so that depth of field covers the area where anticipated action will take place. (For more information on depth of field, see owner's manual for camera.)

NOTE

Zooming to longer focal lengths (at a given aperture setting and focused distance) will decrease depth of field; zooming to shorter focal lengths will increase it.

INFRARED INDEX

(50-135mm, 75-150mm, 70-210mm and 100-300mm Zoom only)

For proper focus when using infrared films, first focus on subject as usual. Note point of focus on distance scale opposite distance index. Attach filter to be used, then turn focusing grip to the right, aligning same point of proper focus on distance scale with red infrared index on lens barrel.

CARE AND STORAGE

- Never touch lens surfaces. Remove loose matter with a blower brush. If necessary, clean with a soft, clean cloth or special photographic lens tissue, which may be moistened with not more than one drop of a quick-evaporating fluid cleaner specially compounded for photographic lenses. Never drop fluid directly on glass surface.
- Always keep the lens capped and in its case when not in use.
- Store away from heat, high humidity, and harmful chemicals and vapors.
- For all other service and repairs, contact an authorized Minolta repair facility.

SPECIFICATIONS

LENS	ELEMENTS	GROUPS	ANGLE OF VIEW	MINIMUM FOCUS	MAXIMUM MAGNIFICATION	MINIMUM F-STOP	FILTER MOUNT DIAMETER	DIMENSIONS	WEIGHT
50-135mm f/3.5	12	10	47°-18°	1.5m (4.9 ft.)		f/32	55mm	φ68.5 x 118mm (φ2-11/16x4-5/8 in.)	480g (1 lb. 15/16 oz.)
70-210mm f/4	12	9	34°-12°	1.1m (3.6 ft.)	0.256X	f/32	55mm	φ72 x 153mm (φ2-13/16x6 in.)	635g (1 lb. 6-9/16 oz.)
75-150mm f/4	12	8	32°-16°30′	1.2m (3.9 ft.)		f/32	49mm	φ64 x 113.5mm (φ2-1/2x4-7/16 in.)	445g (15-11/16 oz.)
100-200mm f/5.6	8	5	24°-12°30′	2.5m (8.2 ft.)		f/22	55mm	φ64 x 171.5mm (φ2-1/2x6-3/4 in.)	595g (1 lb. 4-15/16 oz.)
100-300mm f/5.6	13	10	24°-8° 10′	1.5m (4.9 ft.)	0.256X	f/32	55mm	φ72 x 187mm (φ2-13/16x7-3/8 in.)	700g (1 lb. 8-11/16 oz.)

Specifications subject to change without notice

Minolta Camera Co., Ltd.	**30, 2-Chome, Azuchi-Machi, Higashi-Ku, Osaka 541, Japan**
Minolta Camera Handelsgesellschaft m.b.H.	Kurt-Fischer-Strasse 50, D-2070 Ahrensburg, West Germany
Minolta France S.A.	357 bis, rue d'Estienne d'Orves, 92700 Calambes, France
Minolta (UK) Limited	1-3 Tanners Drive, Blakelands Narth, Miltan Keynes, MK14 5BU, England
Minolta Austria Gesellschaft m.b.H.	Amalienstraße 59-61, 1131 Wien, Austria
Minolta Camera Benelux B.V.	Zannebaan 39, 3606 CH Maarssenbraek, P.B. 264, 3600 AG Maarssen, The Netherlands
Belgium Branch	Stenen Brug 115 – 117, 2200 Antwerpen, Belgium
Minolta (Schweiz) AG	Riedhaf V, Riedstrasse 6, 8953 Dietikan-Zürich, Switzerland
Minolta Svenska AB	Brännkyrkagatan 64, Bax 17074, S-10462 Stackhalm 17, Sweden
Minolta Corporation	
Head Office	101 Williams Drive, Ramsey, New Jersey 07446, U.S.A.
Los Angeles Branch	3105 Lamita Baulevard, Tarrance, CA 90505, U.S.A.
Chicago Branch	3000 Tallview Drive, Ralling Meadaws, IL 60008, U.S.A.
Atlanta Branch	5904 Peachtree Carners East, Narcrass, GA 30071, U.S.A.
Minolta Canada Inc.	
Head Office	1344 Fewster Drive, Mississauga, Ontaria L4W 1A4, Canada
Montreal Branch	376 rue McArthur, St. Laurent, Quebec H4T 1X8, Canada
Vancouver Branch	1620 W. 6th Avenue, Vancauver, B.C. V6J 1R3, Canada
Minolta Hong Kong Limited	Raam 208, 2/F, Eastern Center, 1065 King's Raad, Hang Kang
Minolta Singapore (Pte) Ltd.	10, Teban Gardens Crescent, Singapare 2260

© 1985 Minolta Camera Co., Ltd. under the Berne
Convention and Universal Copyright Convention

9222-9003-06

N608-A6 Printed in Japan